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Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

RD-26,387

First Named Inventor or Application Identifier

Ricardo S. Avila, James V.  
Miller, Robert F. Senzig, Hu  
David He, Darin R. Okerlund

Title

VOLUME IMAGING SYSTEM

Express Mail Label No.

EL319796615US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages] **26**  
(Preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets] **6**
4. Oath or Declaration [Total Pages] **3**  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named  
in the prior application, see 37 CFR 1.63(d)(2) and  
1.33(b).
5. ☐ Incorporation by Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the  
oath or declaration is supplied under Box 4b, is considered as being part  
of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application,  
(PTO/SB/09-12) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(If foreign priority is claimed)
16. ☒ Other: EXPRESS MAIL CERTIFICATE

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL  
ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR  
APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

## 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
Prior application information: Examiner: Group/Art Unit:

of prior application No:

## 18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Labelor ☐ Correspondence address  
below

(Insert Customer No. or Attach bar code label here)

NAME	John S. Beulick				
	Armstrong, Teasdale, Schlafly & Davis				
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Name (Print/type)

Alan L. Cassel

Registration No. (Attorney/Agent)

35,842

Signature

*Alan Cassel*

Date


Oct. 14, 1999

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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<b>FEE TRANSMITTAL</b>  <i>Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.</i>		<b>Complete if Known</b>	
		Application Number	
		Filing Date	
		First Named Inventor	Ricardo S. Avila, James V. Miller, Robert F. Senzig, Hui David He, Darin R. Okerlund
		Group Art Unit	
Examiner Name			
TOTAL AMOUNT OF PAYMENT	(\$ ) 1,156.00	Attorney Docket Number	RD-26,387

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>	
<b>1.</b> <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number <u>01-2384</u>  Deposit Account Name _____  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.16 at the Mailing of the Notice of Allowance		<b>3. ADDITIONAL FEES</b> Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$)    Fee Description    Fee Paid	
<b>2.</b> <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		105 130 205 65 Surcharge - late filing fee or oath	
<b>FEE CALCULATION</b>		127 50 227 25 Surcharge-late provisional filing fee or cover sheet	
<b>1. FILING FEE</b>		139 130 139 130 Non-English specification	
Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$)    Fee Description    Fee Paid		147 2,520 147 2,520 For filing a request for reexamination	
101 790 201 395 Utility filing fee		112 920* 112 920* Requesting publication of SIR prior to Examiner action	
106 330 206 165 Design filing fee		113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
107 540 207 270 Plant filing fee		115 110 215 55 Extension for reply within first month	
108 790 208 395 Reissue filing fee		116 400 216 200 Extension for reply within second month	
114 150 214 75 Provisional filing fee		117 950 217 475 Extension for reply within third month	
SUBTOTAL (1) (\$ ) 760.00		118 1,510 218 755 Extension for reply within fourth month	
<b>2. CLAIMS</b>		128 2,060 228 1,030 Extension for reply within fifth month	
Total Claims <u>42</u> - 20 = <u>22</u> x <u>18</u> = <u>396.00</u>		119 310 219 155 Notice of Appeal	
Independent Claims <u>3</u> - 3 = <u>0</u> x <u>78</u> = <u>0</u>		120 310 220 155 Filing a brief in support of an appeal	
Multiple Dependent Claims _____ x _____ = _____		121 270 221 135 Request for oral hearing	
Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$)    Fee Description    Fee Paid		138 1,510 138 1,510 Petition to institute a public use proceeding	
103 22 201 11 Claims in excess of 20		140 110 240 55 Petition to revive - unavoidable	
102 82 202 41 Independent claims in excess of 3		141 1,320 241 660 Petition to revive - unintentional	
104 270 204 135 Multiple dependent claim		142 1,320 242 660 Utility issue fee (or reissue)	
109 82 209 41 Reissue independent claims over original patent		143 450 243 225 Design issue fee	
110 22 210 11 Reissue claims in excess of 20 and over original patent		144 670 244 335 Plant issue fee	
SUBTOTAL (2) (\$ ) 396.00		122 130 122 130 Petitions to the Commissioner	
		123 50 123 50 Petitions related to provisional applications	
		126 240 126 240 Submission of Information	
		581 40 581 40 Recording each patent assignment per property (times number of properties)	
		146 790 246 395 Filing a submission after final rejection (37 CFR 1.129(a))	
		149 790 249 395 For each additional invention to be examined (37 CFR 1.129(b))	
		Other fee (specify) _____	
		Other fee (specify) _____	
		*Reduced by Basic Filing Fee Paid    SUBTOTAL (3) (\$ ) 0	

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	Alan L. Cassel	Reg. Number	35,842
Signature		Date	Oct. 14, 1999
		Deposit Account User ID	

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CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER OF PATENTS AND TRADEMARKS

Express Mail mailing label number: EL319796615US

Date of Mailing: October 14, 1999

I certify that the attached complete utility patent application claiming priority of Provisional Patent Application Serial No. 60/109,987, filed November 25, 1998, of **RICARDO S. AVILA, JAMES V. MILLER, ROBERT F. SENZIG, HUI DAVID HE, and DARIN R. OKERLUND** for **VOLUME IMAGING SYSTEM**, including:

- Patent Application Transmittal (1 page)
- Fee Transmittal (in duplicate) (1 page)
- Nineteen (19) pages of specification; six (6) pages of claims; one (1) page of abstract
- Six (6) sheets of formal drawings
- Declaration and Power of Attorney (3 pages)
- Assignment (2 pages)
- Assignment Recordation Form Cover Sheet (in duplicate) (1 page)
- Certificate of Mailing Via Express Mail (1 page)
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to **Box Patent Application**, Assistant Commissioner for Patents, Washington, D.C. 20231.



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